AMENDMENTS TO THE SPECIFICATION

Page 2, lines 8-18 (2nd Paragraph)

In one example of the present invention, a method is provided for transmitting signals from ~~two~~ <u>three</u> or more antennas in a wireless telecommunications network, in which at least one data sequence may be space-time block encoded. Before transmitting the data sequence, a linear transformation may be applied to the data sequence, the linear transformation being dependent upon knowledge of correlation among the antennas to at least partially compensate the transmitted signals for said correlation. The linear transformation may depend on the eigenvalues of an antenna correlation matrix. The linear transformation may also depend on a ratio of symbol energy (E_s) to noise variance (σ^2). The method may includes transmitting the encoded and transformed data sequence.